

Name: \_\_\_\_\_

Unit 1: Algebra Basics

Date: \_\_\_\_\_ Bell: \_\_\_\_\_

Homework 4: Order of Operations

**Directions:** Evaluate each expression using the order of operations.

1.  $17 - 5 \cdot 4 \div 2$

2.  $40 - 32 \div 8 + 5 \cdot -2$

3.  $35 - 14 \div 2 + 8^2$

4.  $(4 - 7)^2 - 6 \cdot 7 + 20$

5.  $2[18 - (5 + 3^2) \div 7]$

6.  $[(-5 + 1) \div 2]^3 - |-7|$

7.  $1 + (-2 - 5)^2 + -3 \cdot 4$

8.  $\frac{6(2 + 4) - 1}{2 \cdot 3 + 1}$

9.  $\frac{2^5 \div 8 + 3}{4 + 3}$

10.  $\frac{17 \cdot 5 - 3 \cdot 5}{3^2 + 1}$

11.  $\frac{13 + 7^2 \div 7}{9 - 20 \div 4 + 16}$

12.  $-|-16| \div \frac{(3^2 - 4)}{5 - 10}$